

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 106245(2428)	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 02/29376	International filing date (day/month/year) 12/09/2002	(Earliest) Priority Date (day/month/year) 17/09/2001
Applicant UOP LLC		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
 - contained in the international application in written form.
 - filed together with the international application in computer readable form.
 - furnished subsequently to this Authority in written form.
 - furnished subsequently to this Authority in computer readable form.
 - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
- 2. Certain claims were found unsearchable (See Box I).
- 3. Unity of invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:
APPARATUS AND METHOD FOR GENERATING AND ANALYSING A PLURALITY OF ISOLATED EFFLUENTS

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

2 None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/29376

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J19/00 G01N1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 44801 A (DAHL IVAR M ;KARLSSON ARNE (NO); WENDELBO RUNE (NO); AKPORIAYE DUN) 21 June 2001 (2001-06-21) abstract page 14, last paragraph ---	10-14
A	WO 01 59463 A (CORMA CANOS AVELINO ;UNIV VALENCIA POLITECNICA (ES); CONSEJO SUPER) 16 August 2001 (2001-08-16) abstract; figure 1 page 19, line 17 -page 20, line 13; claims 1,14 -& EP 1 273 919 A 8 January 2003 (2003-01-08) abstract; figure 1 paragraphs '0042!, '0043!; claims 1,14 ---	1-9
X	WO 01 59463 A (CORMA CANOS AVELINO ;UNIV VALENCIA POLITECNICA (ES); CONSEJO SUPER) 16 August 2001 (2001-08-16) abstract; figure 1 page 19, line 17 -page 20, line 13; claims 1,14 -& EP 1 273 919 A 8 January 2003 (2003-01-08) abstract; figure 1 paragraphs '0042!, '0043!; claims 1,14 ---	10-14
A	---	1-9
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *g* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
21 March 2003	28/03/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Veefkind, V

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 64160 A (SYMYX TECHNOLOGIES INC) 16 December 1999 (1999-12-16) figure 2 ---	1-14
A	WO 00 64557 A (ADVANCED BIOANALYTICAL SERVICE) 2 November 2000 (2000-11-02) figures 1,2 -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/29376

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0144801	A	21-06-2001	AU EP NO WO	2049401 A 1238272 A2 20024764 A 0144801 A2		25-06-2001 11-09-2002 03-10-2002 21-06-2001
WO 0159463	A	16-08-2001	ES EP WO US	2166310 A1 1273919 A1 0159463 A1 2003040116 A1		01-04-2002 08-01-2003 16-08-2001 27-02-2003
WO 9964160	A	16-12-1999	US AT AU DE DE DE EP EP ES JP JP US WO US US	6149882 A 219968 T 4228999 A 69901996 D1 69901996 T2 1001846 T1 1245281 A2 1001846 A1 2178442 T3 3377988 B2 2002517735 T 2002141900 A1 9964160 A1 6395552 B1 2001051110 A1		21-11-2000 15-07-2002 30-12-1999 08-08-2002 31-10-2002 14-09-2000 02-10-2002 24-05-2000 16-12-2002 17-02-2003 18-06-2002 03-10-2002 16-12-1999 28-05-2002 13-12-2001
WO 0064557	A	02-11-2000	AU EP WO US	4450900 A 1194200 A1 0064557 A1 6318157 B1		10-11-2000 10-04-2002 02-11-2000 20-11-2001